



## Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office  
P.O. Box 7068 – St. Paul, MN 55107  
(651) 296-2230 • (651) 296-3192 FAX

Email: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov) - Homepage: <http://www.nass.usda.gov>

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,  
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

### SMALL GRAIN HARVESTS NEAR COMPLETION

Oat and barley harvests reached or passed 95 percent complete during the past week, according to USDA, NASS, Minnesota Field Office. Spring wheat, at 87 percent complete, was just shy of the 5-year average of 88 percent complete on September 7<sup>th</sup>. The majority of the corn crop was in the dent stage of development and over forty percent of soybeans were turning yellow or dropping leaves by the end of last week.

The average temperature for the week was 61.0°, 1.4° below normal. Statewide topsoil moisture supplies as of Friday, September 5<sup>th</sup> were 12 percent very short, 35 short, 51 adequate, and 2 surplus. Statewide, on average, there were 5.5 days suitable for fieldwork during the week.

As of Sunday, September 7<sup>th</sup>, 94 percent of corn had reached the dough stage compared to 100 percent last year and 95 percent average. Sixty-one percent of corn was in the dent stage compared to 94 percent last year and 76 percent average. Corn was 2 percent mature, compared to 26 percent last year, and 13 percent average. Soybeans were 41 percent turning yellow compared to 75 percent last year and 62 percent average.

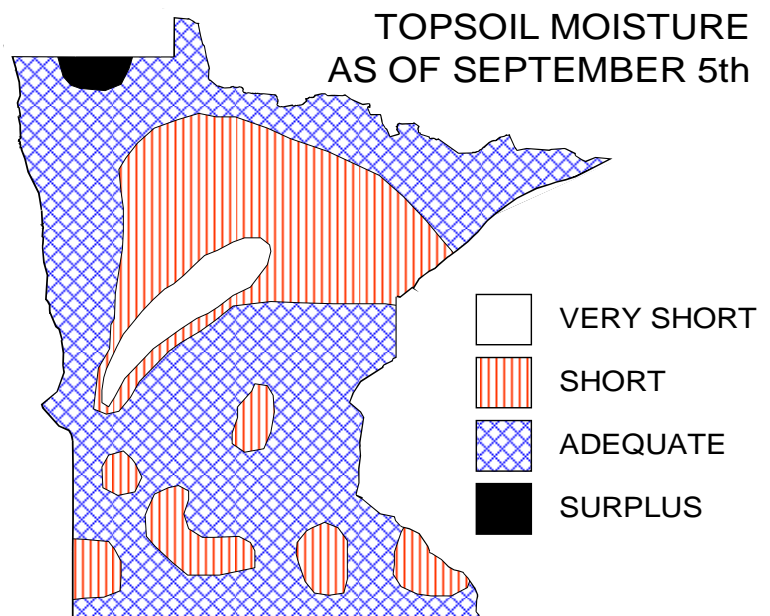
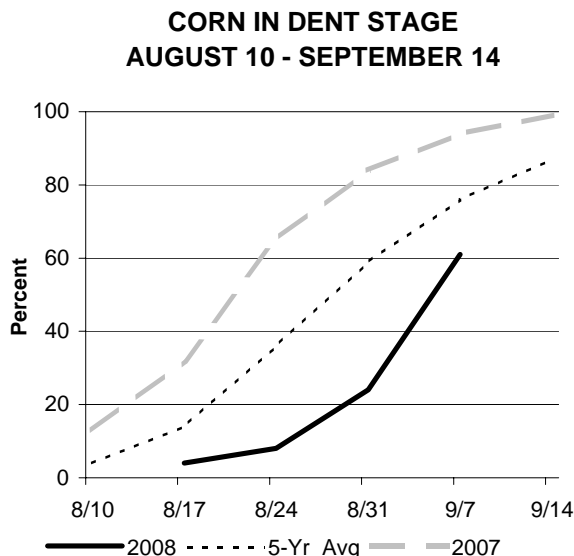
Barley was 95 percent harvested compared to 100 percent last year and 93 percent average. Oats were 96 percent harvested compared to 100 percent last year and 98 percent average.

As of Friday, September 5<sup>th</sup>, 63 percent of corn and 64 percent of soybeans were rated in good or excellent condition. Seventy percent of dry beans, 83 percent of sunflowers, 72 percent of sugarbeets, and 36 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.5				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	12	35	51	2

Crop Progress as of September 7, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dough	94	73	100	95
	Dent	61	24	94	76
	Mature	2	0	26	13
Corn Silage	Harvested	17	11	53	36
Soybeans	Turning Yellow	41	15	75	62
	Dropping Leaves	5	0	36	22
Spring Wheat	Harvested	87	84	100	88
Barley	Harvested	95	92	100	93
Oats	Harvested	96	93	100	98
Potatoes	Harvested	30	26	39	38
Sweet Corn	Harvested	69	54	81	74
Canola	Harvested	53	38	88	81
Dry Beans	Harvested	16	4	23	16

Crop Condition as of September 5, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	6	9	22	53	10
Soybeans	5	8	23	53	11
Potatoes	0	1	8	49	42
Sugarbeets	1	1	26	51	21
Dry Beans	1	2	27	51	19
Sunflowers	0	3	14	66	17
Pasture	12	20	32	33	3



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 7, 2008:  
Temperatures averaged from 3.8 degrees below normal in the Southwest District to 0.3 degree below normal in the North Central District. Extremes: 33 degrees in Hibbing, 92 degrees in Browns Valley, Moorhead. Precipitation averaged from 0.65 inch below normal in the Southeast District to 1.90 inches above normal in the Northwest District. Greatest weekly total was 2.96 inches recorded in Moorhead.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/1/2008 through 9/7/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	89	41	60.2	-1.5	2.81	2.23	3.80	.61	1748	-194
Moorhead	92	42	58.1	-4.6	2.96	2.43	4.83	5.92	1926	-105
Warroad	90	41	59.5	.6	1.69	1.04	1.10	2.28	1535	-171
<u>NC DIST 2</u>										
Grand Rapids	88	41	58.6	-.5	.84	.09	-1.78	-1.04	1699	-2
Intl. Falls	87	37	55.7	-1.9	1.24	.49	-.85	1.10	1385	-209
Itasca	87	39	59.2	1.3	1.05	.30	-.93	1.13	1571	-31
<u>NE DIST 3</u>										
Duluth	84	41	58.4	-.2	.60	-.43	-.79	1.11	1459	-42
Grand Marais	78	46	57.3	-1.5	.18	-.60	-.48	5.77	1062	-95
Hibbing	85	33	54.6	-3.2	.42	-.34	-1.74	-1.56	1415	-136
<u>WC DIST 4</u>										
Alexandria	89	43	59.3	-2.8	.42	-.30	-1.04	-2.08	1896	-49
Browns Valley	92	39	61.0	-3.2	1.60	1.11	-.54	2.79	1988	-156
Canby	90	42	62.4	-3.3	.20	-.38	-1.42	-2.02	2152	-97
Fergus Falls	89	42	61.2	-1.2	1.05	.47	-.24	-.09	1887	-85
Montevideo	90	40	58.4	-6.0	.73	.13	-.96	-3.43	2023	-116
Morris	89	39	59.6	-3.8	.35	-.21	-.76	-2.89	1914	-166
<u>CENT DIST 5</u>										
Becker	88	47	64.0	2.4	2.89	2.04	.54	-.81	2052	134
Collegeville	87	47	62.6	-2.3	.21	-.61	-1.63	.41	2102	-71
Hutchinson	85	44	62.8	-1.4	1.14	.45	1.00	-1.07	2085	-69
Olivia	88	40	61.5	-1.7	1.16	.45	.51	.36	1959	-138
St. Cloud	88	43	60.7	-.9	.23	-.56	-1.45	-.89	1937	19
Staples	86	41	60.2	.1	.60	-.03	-1.56	-2.64	1681	-56
Willmar	86	41	61.4	-2.2	.73	-.02	-.11	-3.57	2050	-44
<u>EC DIST 6</u>										
Aitkin	88	40	59.4	.2	.20	-.55	-2.55	-2.60	1714	68
Forest Lake	89	46	64.8	1.6	.25	-.64	-2.07	-1.74	2029	-19
MSP Airport	88	49	63.3	-1.9	.15	-.60	-.17	-4.76	2336	100
St. Paul - UofM	88	48	64.4	-1.8	.32	-.54	-1.52	-6.53	2272	-21
<u>SW DIST 7</u>										
Lamberton	89	41	61.4	-2.8	.80	.13	-1.54	-2.98	2120	-60
Pipestone	86	36	59.0	-4.7	.62	-.06	-1.12	-1.00	1953	-149
Redwood Falls	90	44	61.6	-4.2	1.33	.65	-.30	-1.67	2143	-159
Worthington	86	42	61.0	-2.1	1.09	.40	-1.13	1.44	2086	37
<u>SC DIST 8</u>										
Faribault	87	46	64.6	.8	.15	-.72	-2.12	-1.50	2057	-31
Mankato	87	44	62.6	-1.9	.34	-.51	-2.49	-4.18	2069	-104
Waseca	86	41	62.1	-2.1	.12	-.75	-2.92	-1.52	2039	-81
Winnebago	86	45	63.5	-1.7	.20	-.54	-2.61	-3.11	2187	-5
<u>SE DIST 9</u>										
Preston	87	40	63.6	.2	.38	-.58	-.96	6.21	2015	7
Red Wing	89	45	65.2	.5	.17	-.72	-1.13	-1.93	2107	-53
Rochester	85	45	61.4	-1.5	.01	-.83	-1.77	-.12	2067	87
Rosemount	87m	45m	62.1m	-1.6m	.18m	-.75m	-1.10m	-3.54m	2022m	-40m
Winona	87	49	64.8	-2.1	.50	-.40	-2.41	2.80	2030	-353

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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